

United States
Department of
Agriculture

Forest
Service

Entomology and
Pathology

2500 S. Pine Knoll Dr.
Flagstaff, AZ 86001

File Code: 3410
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Date: October 10, 1997

Subject: 1997 Insect and Disease Aerial Detection Surveys

To: Forest Supervisor
Coronado National Forest
300 W. Congress
Tucson, Az. 85701

The annual insect and disease aerial detection survey was conducted over the Coronado National Forest Sept. 11, 1997 by Entomology and Pathology observers. Enclosed are maps depicting the forest pest conditions. Please forward one copy of the map and this letter to the appropriate Ranger Districts. Following is a summary of the results of this survey.

Ponderosa pine mortality in the Pinaleno Mountains has decreased significantly. The mortality mapped is being caused by the complex of roundheaded pine beetle, Dendroctonus adjunctus; Mexican pine beetle, Dendroctonus approximatus; and western pine beetle, Dendroctonus brevicomis. Approximately 67 acres are affected.

Mortality in Chiricahua pine and Apache pine is occurring around the Rucker Lake Campground area. The acreage is reduced from 1996.. Approximately 10 acres of mortality were mapped this year.

Approximately 437 acres of true fir on top of Mt Graham showed discoloration this season. At this time it is uncertain what is causing this. Ground checks later this year should yield more information.

Fire damage and associated mortality remains significant this year in the Chiricahua, Catalina, and Pinaleno mountains. The residual trees remaining in the fire locations are potential sites for future bark beetle attacks. These sites will be monitored closely in the 98 aerial surveys for signs of outbreak.

Electronic format map files and data will be forwarded to Marc Kaplan for incorporation into GIS.

If you have any questions concerning this letter, or insects and disease in your area, contact us at (520) 556-2071 and 556-2072. Thank you.



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Az Zone Entomology and Pathology

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